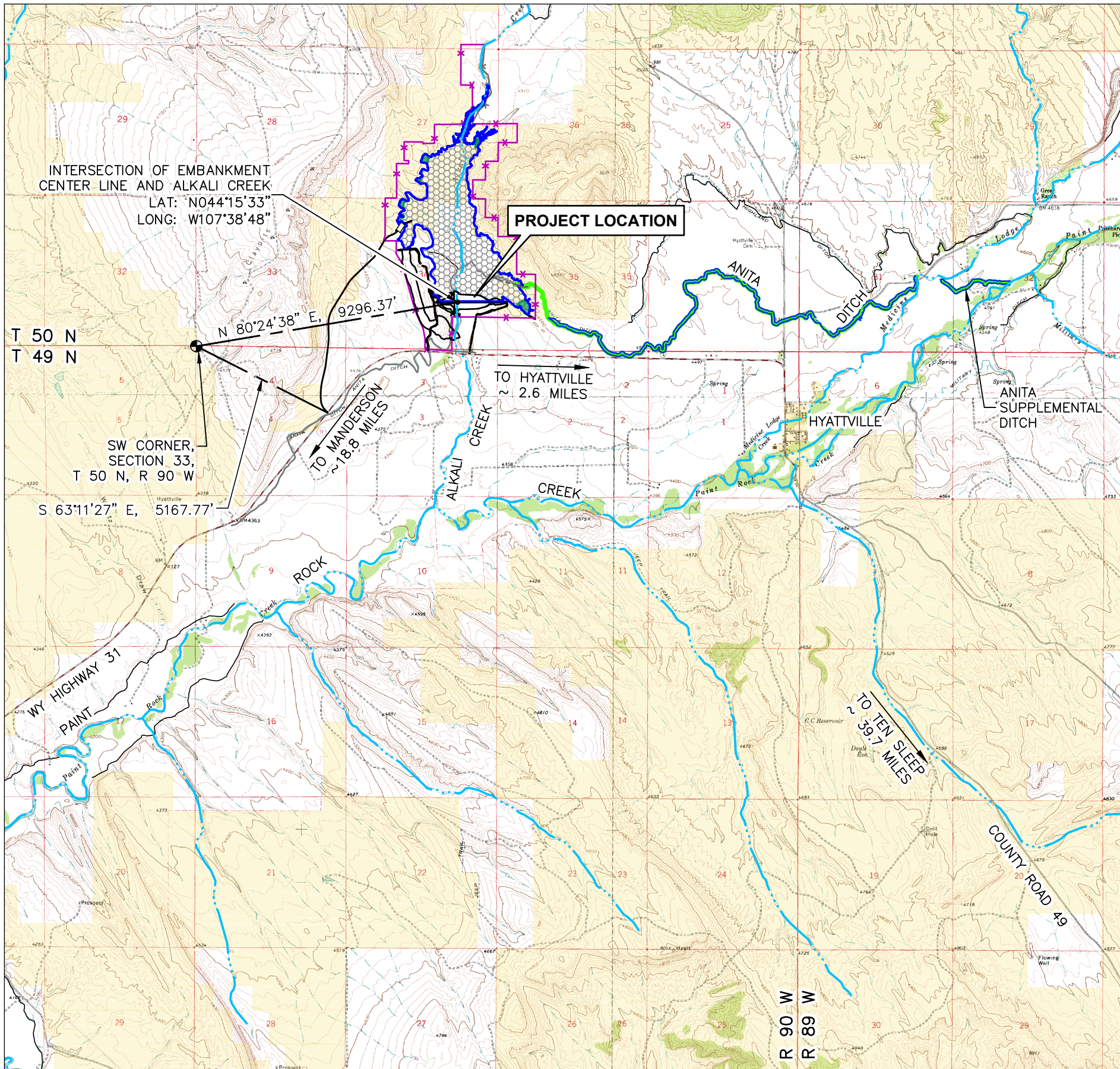


ALKALI CREEK RESERVOIR

BIG HORN COUNTY, WYOMING

FEBRUARY 2017



BEARING AND DISTANCE TO SECTION CORNER
BASED ON US STATE PLANE NAD 1983 (CONUS)
WYOMING EAST CENTRAL 4902 US SURVEY FEET

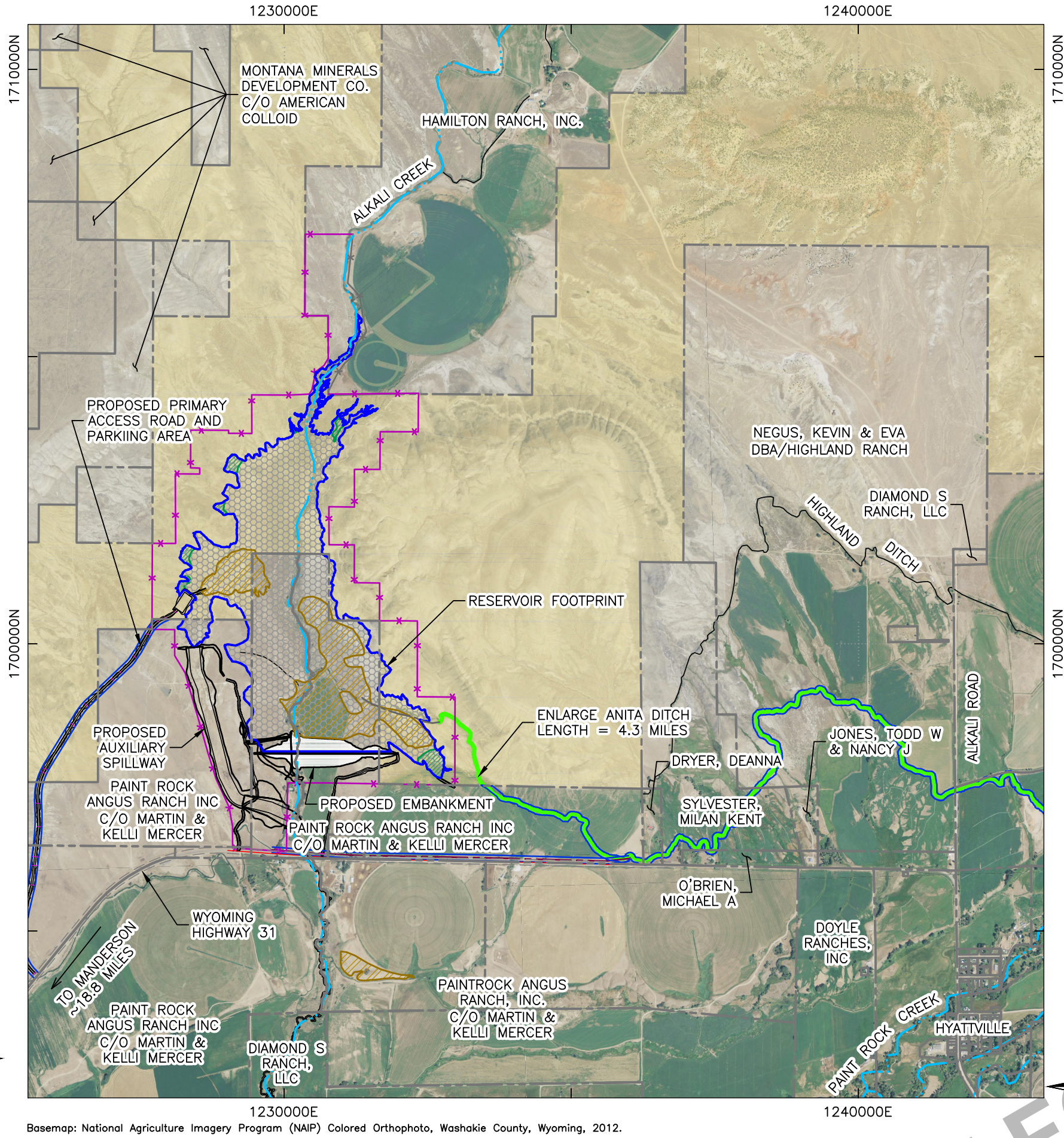
1 SITE LOCATION
SCALE: 1" = 4,000'

EXPLANATION

EXISTING		PROPOSED		ABBREVIATIONS	
	SECTION CORNER		GATE	Ø	DIAMETER
	FENCE		CULVERT	AC.	ACRE
	SURFACE CONTOUR (INTERVAL: 1 FT., EL.: FT AMSL)		SIGN POST	AC- FT	ACRE FEET
	EXISTING DITCH		SURFACE CONTOUR (EL.: FT AMSL)	CL	CENTER LINE
	RIVER/STREAM		FENCE	CY	CUBIC YARDS
	ANITA DITCH PIPELINE		SUPPLY DITCH	CF	CUBIC FEET
	BLM PARCEL		WATER LEVEL INDICATOR	CFS	CUBIC FEET PER SECOND
	PRIVATE PARCEL		NWHL	CMP	CORRUGATED METAL PIPE
			MWHL	EL.	ELEVATION
			CONSTRUCTION LIMITS	FT.	FOOT/FEET
			BORROW AREA	FT AMSL	FEET ABOVE MEAN SEA LEVEL
			WETLAND	MHWL	MAXIMUM HIGH WATER LEVEL
			COMPACTED CLAY BLANKET	MIN.	MINIMUM
			PROJECT LOCATION	NHWL	NORMAL HIGH WATER LEVEL
			COMPACTED EARTH	N	NORTH
			RIPRAP	PSI	POUNDS PER SQUARE INCH
			REINFORCED CONCRETE	R	RANGE
			STAGING AREA	T	TOWNSHIP
				TYP.	TYPICAL
				W	WEST

STATE OF WYOMING)
) SS:
COUNTY OF ALBANY)

I, MARK R. DONNER, OF LARAMIE, WYOMING HEREBY STATE TO THE BEST OF MY KNOWLEDGE AND UNDERSTANDING THAT THIS DESIGN AND ACCOMPANYING DRAWINGS HAVE BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION IN ACCORDANCE WITH STANDARD AND GENERALLY ACCEPTED ENGINEERING PRACTICES AND PROCEDURES IN EFFECT AT THE TIME.



2 SITE PLAN
SCALE: 1" = 2,000'

INDEX OF SHEETS		
SHEET NO.	SHEET NAME	REV.
1	PROPOSED SITE LAYOUT AND EXPLANATION	C
2	PROPOSED SITE FEATURES	A
3	MAIN EMBANKMENT AND RESERVOIR DETAILS	C
4	OUTLET WORKS	C
5	AUXILIARY SPILLWAY PLAN, PROFILE, AND DETAILS	C
6	PRINCIPAL SPILLWAY PLAN, PROFILE AND DETAILS	C
7	SECONDARY ACCESS ROAD PLAN AND PROFILE	A
8	PRIMARY ACCESS ROAD AND PARKING AREA PLAN AND PROFILE 1 OF 5	A
9	PRIMARY ACCESS ROAD AND PARKING AREA PLAN AND PROFILE 2 OF 5	A
10	PRIMARY ACCESS ROAD AND PARKING AREA PLAN AND PROFILE 3 OF 5	A
11	PRIMARY ACCESS ROAD AND PARKING AREA PLAN AND PROFILE 4 OF 5	A
12	PRIMARY ACCESS ROAD AND PARKING AREA PLAN AND PROFILE 5 OF 5	C
13	FENCE, GATE, AND CATTLE GUARD DETAILS	A
14	ACCESS ROAD AND BOAT RAMP DETAILS	C
15	PARKING AREA, COMFORT STATION, AND SIGNAGE DETAILS	A
16	ANITA DITCH SITE MAP	C
17	ANITA SUPPLEMENTAL DITCH PLAN, PROFILE, AND DETAILS	C
18	ANITA DITCH ALIGNMENT PLAN, PROFILE, AND DETAILS 1 OF 4	C
19	ANITA DITCH ALIGNMENT PLAN, PROFILE, AND DETAILS 2 OF 4	C
20	ANITA DITCH ALIGNMENT PLAN, PROFILE, AND DETAILS 3 OF 4	C
21	ANITA DITCH ALIGNMENT PLAN, PROFILE, AND DETAILS 4 OF 4	C

WARNING

HIS BAR DOES NOT

DRAWN BY: PC

CHECKED BY: DRT

DATE: 2/2/2017

SCALE: AS SHOWN



1252 Commerce Drive
Laramie, Wyoming 82070
www.trihydro.com

PROPOSED SITE LAYOUT AND EXPLANATION ALKALI CREEK RESERVOIR

**NOWOOD RIVER STORAGE LEVEL II, PHASE II STUDY
WYOMING WATER DEVELOPMENT COMMISSION
BIG HORN COUNTY, WYOMING**

HEET 1

OF 21

REV: